OIPE JC177
JUN 21 2004
PATENT & TRADEMARK OFFICE

FIG. 1

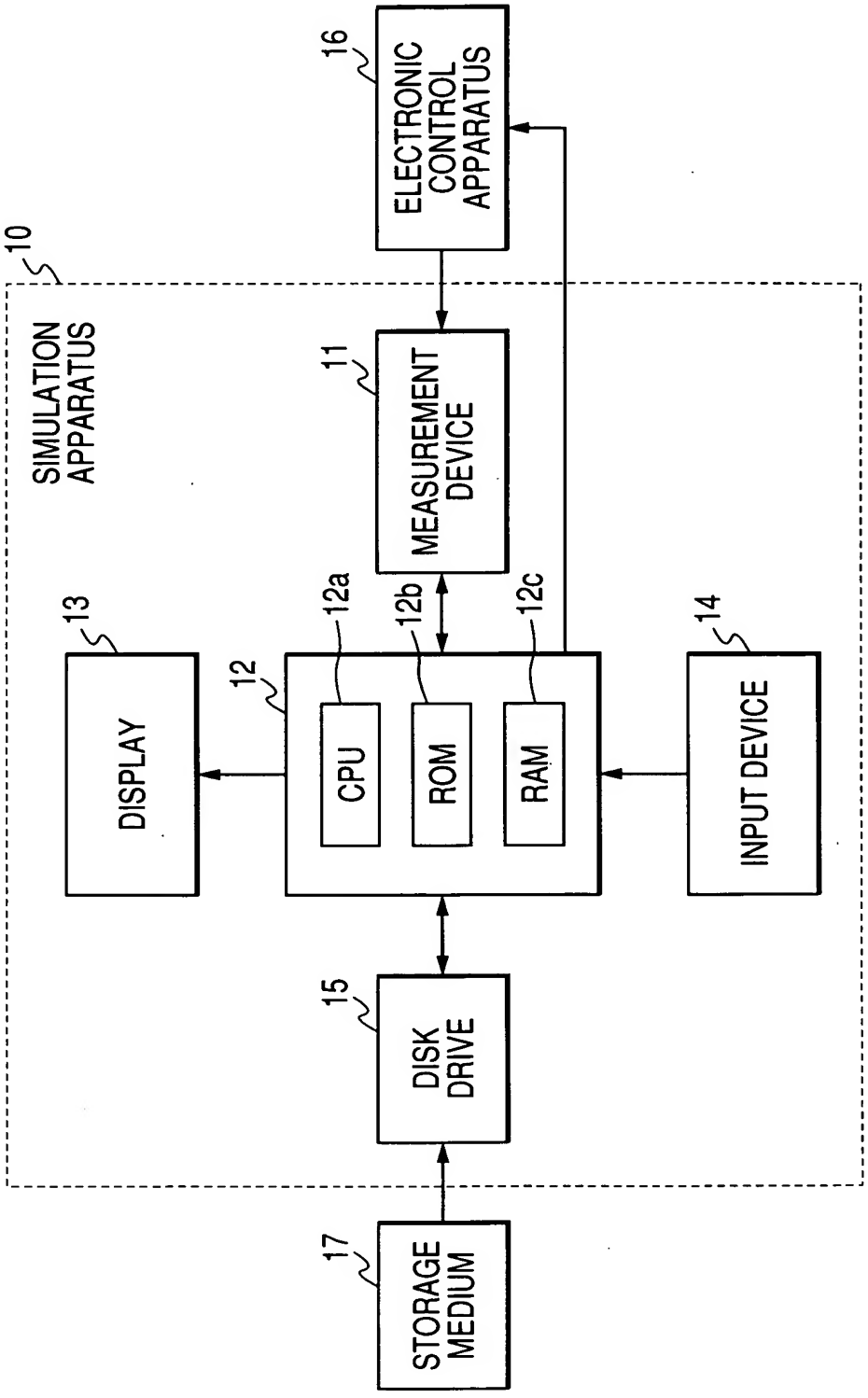


FIG. 2

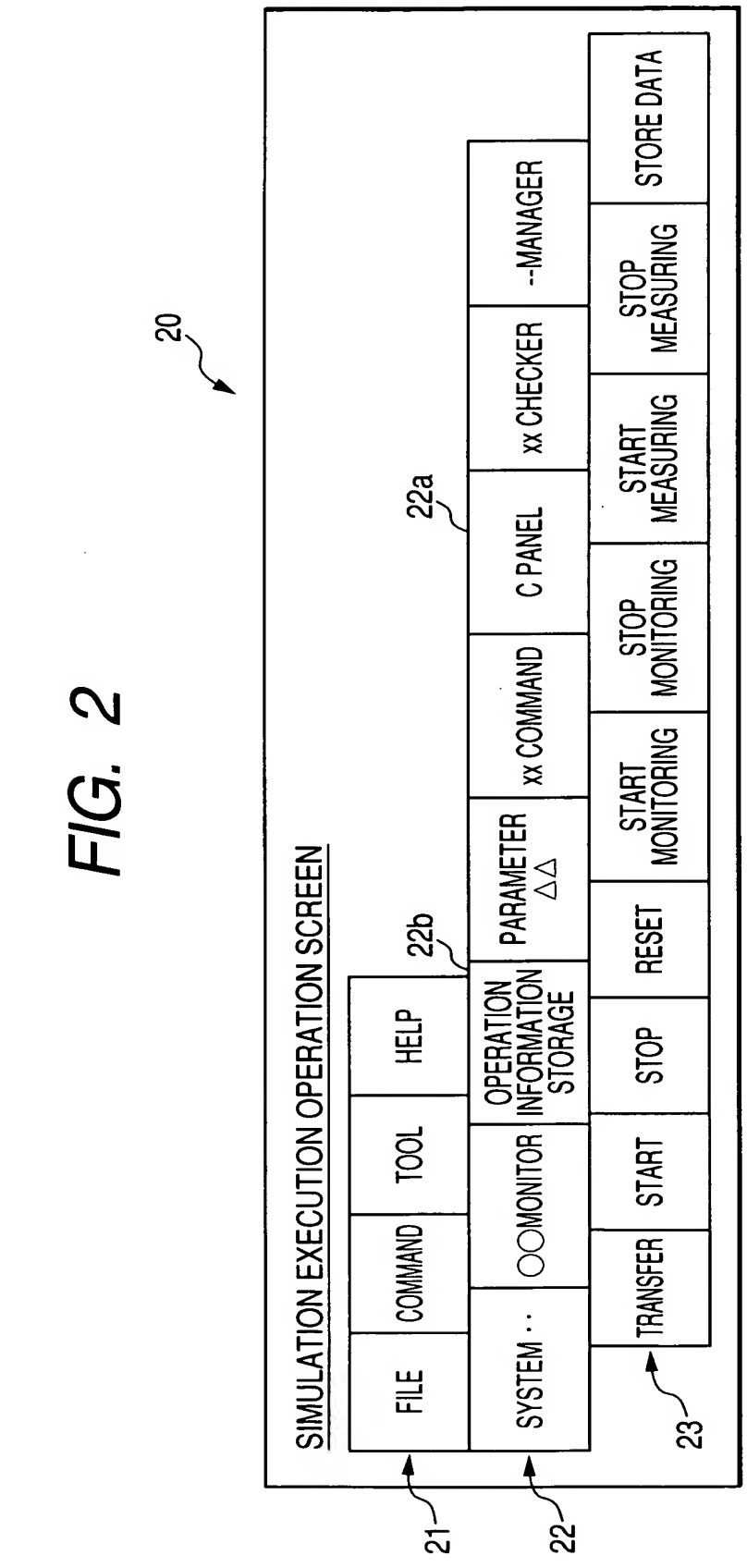

20
SIMULATION EXECUTION OPERATION SCREEN
FILE
COMMAND
TOOL
HELP
22b
SYSTEM ・・
○○MONITOR
OPERATION INFORMATION STORAGE
PARAMETER △△
22a
xx COMMAND
C PANEL
xx CHECKER
--MANAGER
TRANSFER
START
STOP
RESET
START MONITORING
STOP MONITORING
START MEASURING
STOP MEASURING
STORE DATA
21
22
23

FIG. 3

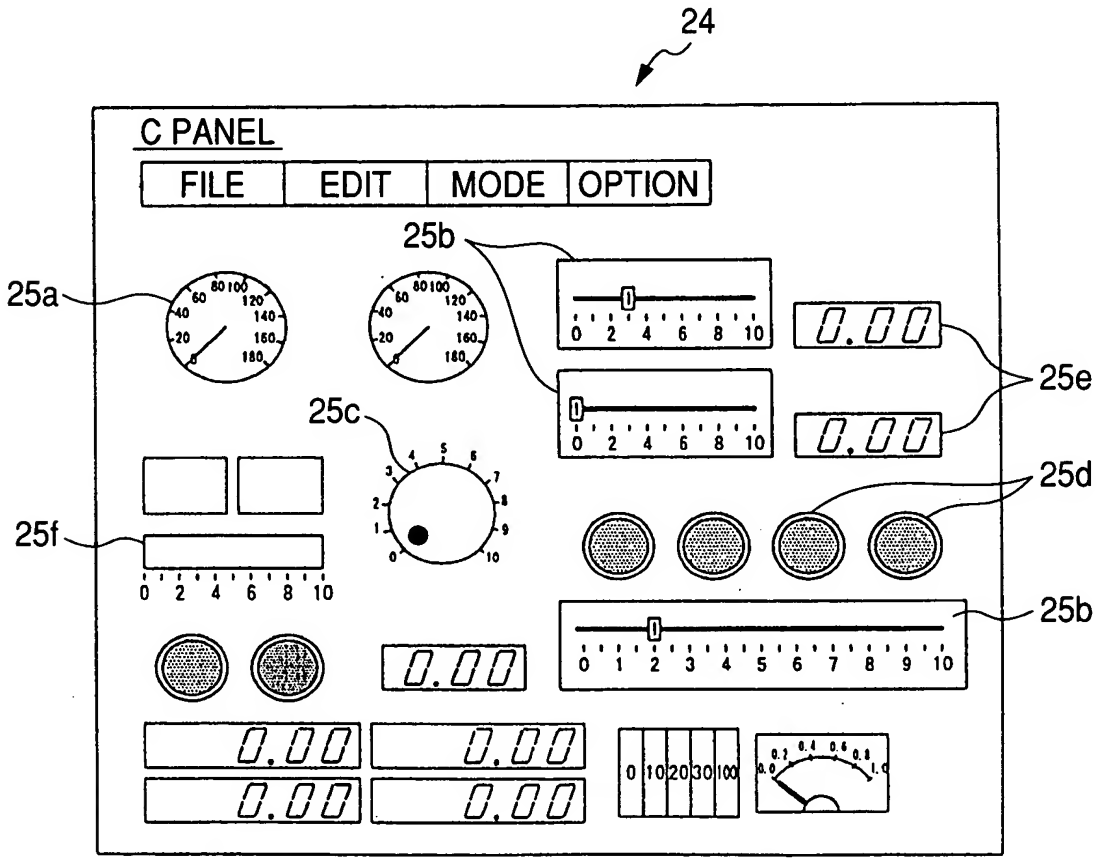

24
C PANEL
FILE
EDIT
MODE
OPTION
25a
25b
25c
25d
25e
25f
0.00
0 2 4 6 8 10
0 1 2 3 4 5 6 7 8 9 10
0 10 20 30 100

FIG. 4

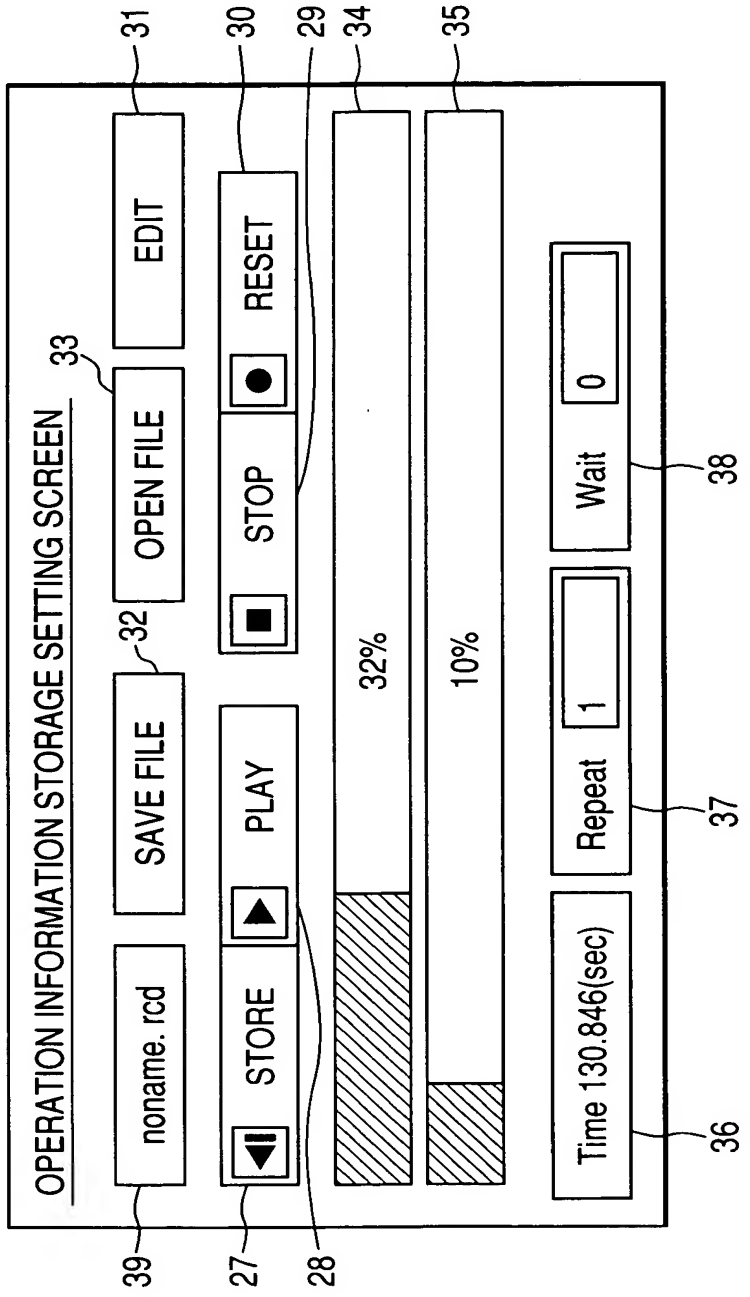

26
OPERATION INFORMATION STORAGE SETTING SCREEN
31
EDIT
33
OPEN FILE
32
SAVE FILE
30
RESET
29
STOP
34
32%
35
10%
noname. rcd
STORE
PLAY
Repeat
1
Wait
0
Time 130.846(sec)
39
27
28
37
38
36

FIG. 5

EVENT OCCURRENCE TIME (sec)	OUTPUT VALUE (STORED VALUE)	LABEL INFORMATION <LABEL NAME>	<CATEGORY NUMBER>	<PHYSICAL VALUE(0) LOGICAL VALUE(1)>
0	17.700000	#"In 1", 100, 0, 0x8,		0
100	30.500000	#"In 1", 100, 0, 0x8,		0
210	39.400000	#"In 1", 100, 0, 0x8,		0
300	48.300000	#"In 1", 100, 0, 0x8,		0
400	52.900000	#"In 1", 100, 0, 0x8,		0
501	63.900000	#"In 1", 100, 0, 0x8,		0
601	70.300000	#"In 1", 100, 0, 0x8,		0
701	77.100000	#"In 1", 100, 0, 0x8,		0
1001	67.300000	#"In 1", 100, 0, 0x8,		0
1111	62.200000	#"In 1", 100, 0, 0x8,		0
1202	59.300000	#"In 1", 100, 0, 0x8,		0
1302	50.000000	#"In 1", 100, 0, 0x8,		0
⋮	⋮			

FIG. 6

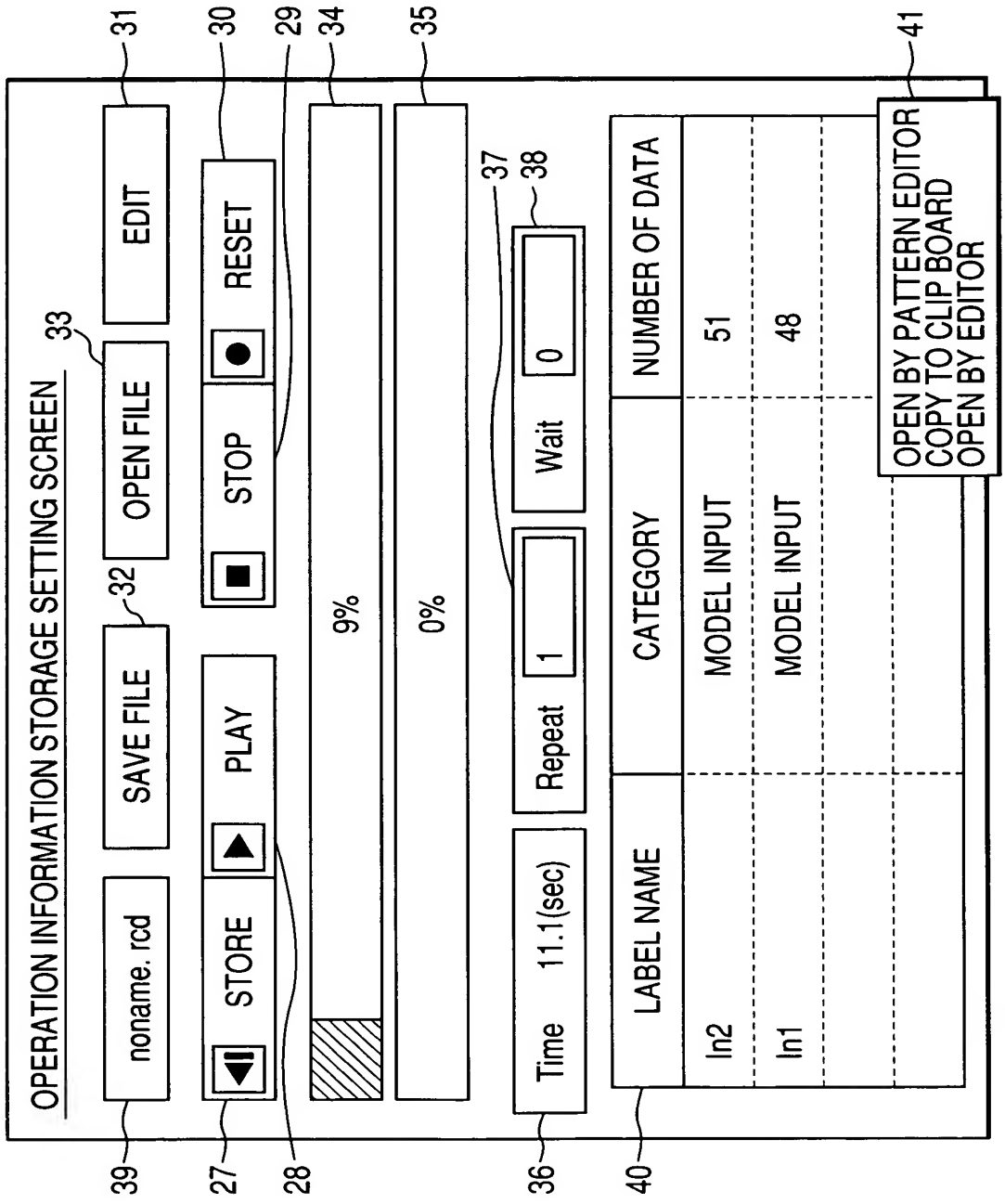

26
OPERATION INFORMATION STORAGE SETTING SCREEN
33
31
30
29
34
35
noname. rcd
SAVE FILE
32
OPEN FILE
EDIT
STORE
PLAY
STOP
RESET
9%
0%
37
38
Time 11.1(sec)
Repeat 1
Wait 0
LABEL NAME
CATEGORY
NUMBER OF DATA
In2
MODEL INPUT
51
In1
MODEL INPUT
48
41
OPEN BY PATTERN EDITOR
COPY TO CLIP BOARD
OPEN BY EDITOR
39
27
28
36
40

FIG. 7

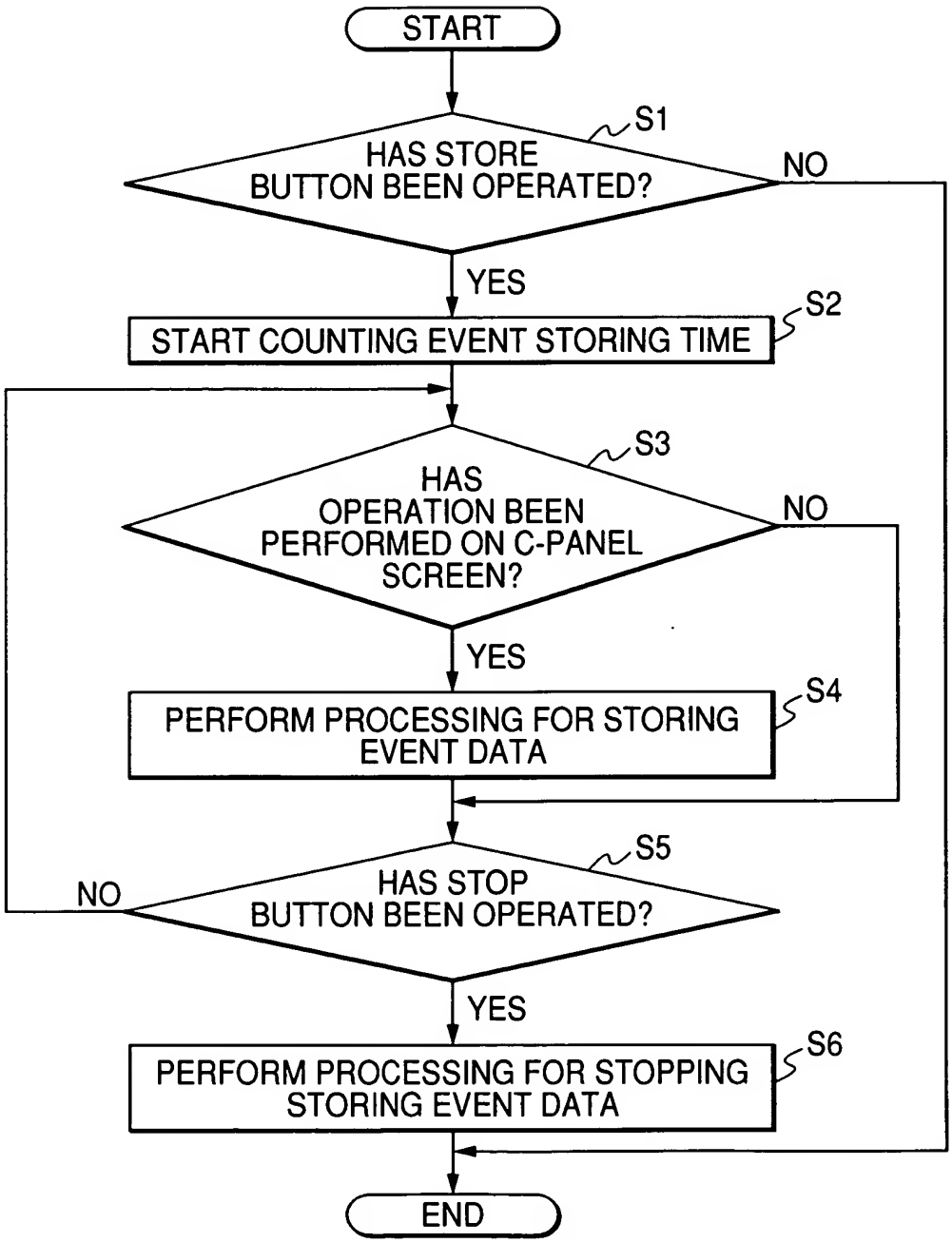

START
S1
HAS STORE BUTTON BEEN OPERATED?
NO
YES
S2
START COUNTING EVENT STORING TIME
S3
HAS OPERATION BEEN PERFORMED ON C-PANEL SCREEN?
NO
YES
S4
PERFORM PROCESSING FOR STORING EVENT DATA
S5
HAS STOP BUTTON BEEN OPERATED?
NO
YES
S6
PERFORM PROCESSING FOR STOPPING STORING EVENT DATA
END

FIG. 8

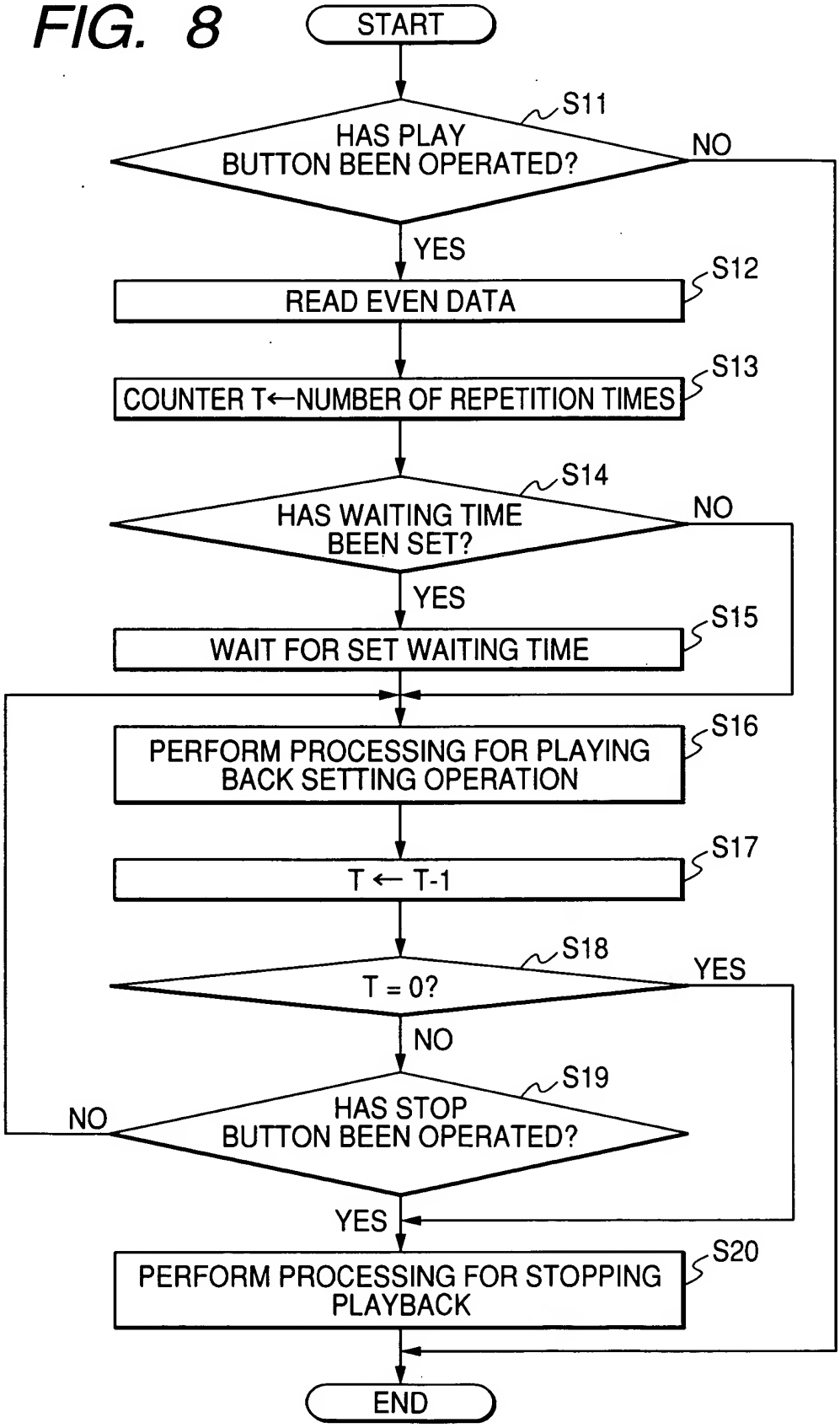
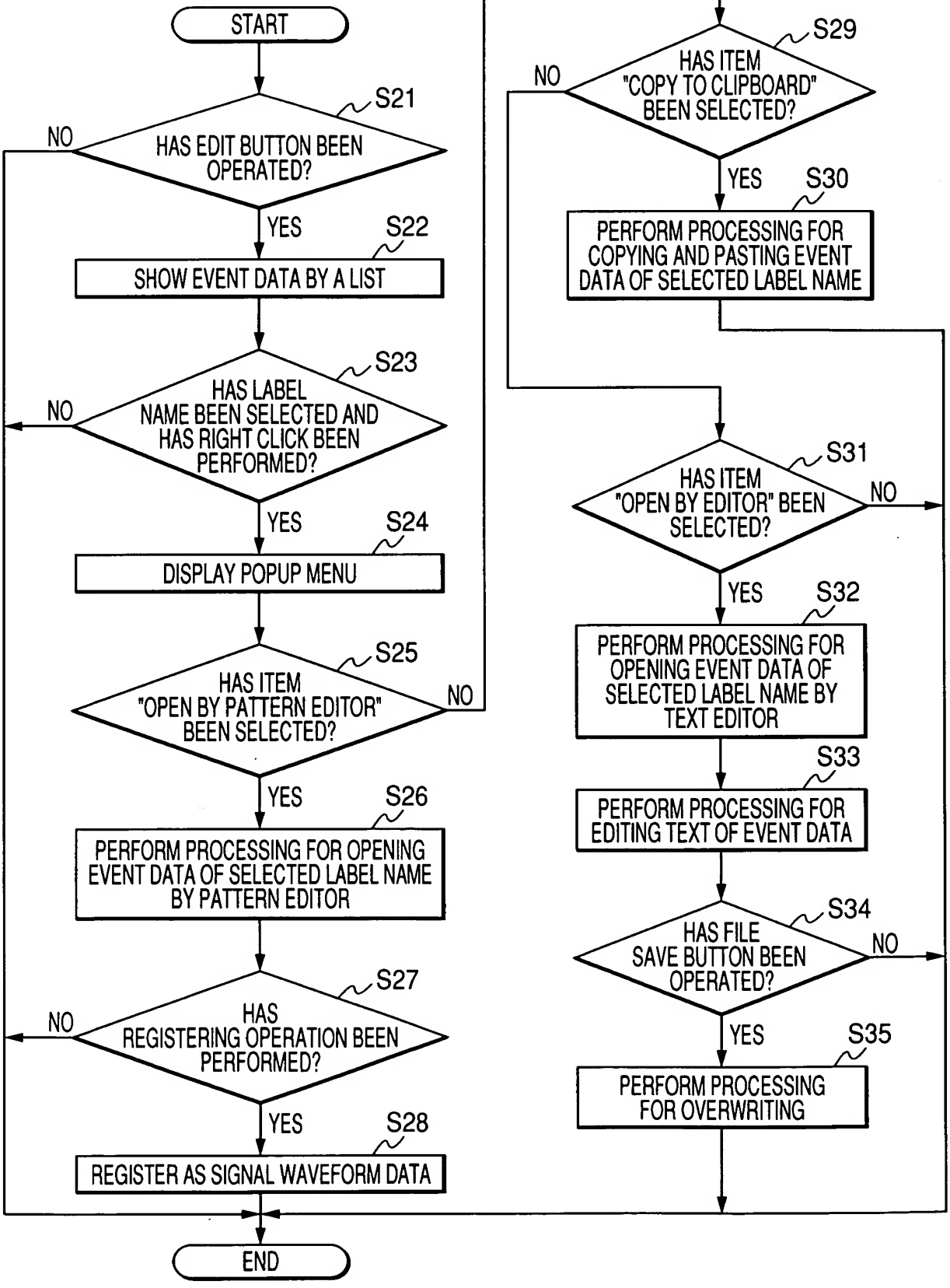

START
S11
HAS PLAY BUTTON BEEN OPERATED?
NO
YES
S12
READ EVEN DATA
S13
COUNTER T←NUMBER OF REPETITION TIMES
S14
HAS WAITING TIME BEEN SET?
NO
YES
S15
WAIT FOR SET WAITING TIME
S16
PERFORM PROCESSING FOR PLAYING BACK SETTING OPERATION
S17
T ← T-1
S18
T = 0?
YES
NO
S19
HAS STOP BUTTON BEEN OPERATED?
NO
YES
S20
PERFORM PROCESSING FOR STOPPING PLAYBACK
END

FIG. 9


START
S21
HAS EDIT BUTTON BEEN OPERATED?
NO
YES
S22
SHOW EVENT DATA BY A LIST
S23
HAS LABEL NAME BEEN SELECTED AND HAS RIGHT CLICK BEEN PERFORMED?
NO
YES
S24
DISPLAY POPUP MENU
S25
HAS ITEM "OPEN BY PATTERN EDITOR" BEEN SELECTED?
NO
YES
S26
PERFORM PROCESSING FOR OPENING EVENT DATA OF SELECTED LABEL NAME BY PATTERN EDITOR
S27
HAS REGISTERING OPERATION BEEN PERFORMED?
NO
YES
S28
REGISTER AS SIGNAL WAVEFORM DATA
END
S29
HAS ITEM "COPY TO CLIPBOARD" BEEN SELECTED?
NO
YES
S30
PERFORM PROCESSING FOR COPYING AND PASTING EVENT DATA OF SELECTED LABEL NAME
S31
HAS ITEM "OPEN BY EDITOR" BEEN SELECTED?
NO
YES
S32
PERFORM PROCESSING FOR OPENING EVENT DATA OF SELECTED LABEL NAME BY TEXT EDITOR
S33
PERFORM PROCESSING FOR EDITING TEXT OF EVENT DATA
S34
HAS FILE SAVE BUTTON BEEN OPERATED?
NO
YES
S35
PERFORM PROCESSING FOR OVERWRITING